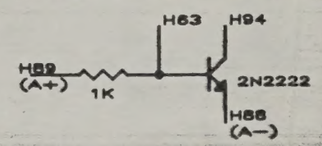
RX #1
COS
GND
CTCSS
GND
AUDIO
GND
330p
100K
+12
RX #1
50K
10K
Ø.1
RX #2
COS
GND
CTCSS
GND
AUDIO
GND
TX
PTT
GND
TONE
GND
AUDIO
GND
50K
PA
FNABLE
GND
N/C
GND
AUDIO
GND
470
P.A.
+120
+5
#1 COS
#1 CTCSS
#2 COS
#2 CTCSS
2N2222
PTT
TONE
1K
MUTE
CG
SQ DISABLE
VOL #1
SQL #1
VOL #2
SQL #2
DC CONV CONT
MIC LO
#1 RX MUTE
MIC HI
#2 CG DISABLE
#1 CG DISABLE
#2 SQ DISABLE
F1
F2
F3
F4
F5
F6
F7 #1 CAS
F8 #2 CAS
#1 RUS
#1 SQ ARM
#1 VOL/SQ LO
#1 VOL ARM
#1 VOL/SQ HI
CONTROL A-
#1 RX PA
#1 SQ DISABLE
IGN SW
PTT
BLKR DISABLE
#1 SPKR LO
#1 SPKR HI
A+
A-
#2 VOL/SQ HI
#2 VOL ARM
#2 RX MUTE
#2 RUS
#2 SQ ARM
#2 VOL/SQ LO
#2 SPKR HI
#2 SPKR LO
TX A+
TX A-
P703-13.
P702-15.
P703-12.
P702-18.
P703-10.
P702-12.
P703-11.
P702-08.
P702-09.
P703-17.
P703-18.
P703-19.
P703-16.
P703-15.
P703-14.
P702-10.
P702-01.
P702-02.
P702-05.
P702-04.
P702-07.
P702-03.
P702-06.
P702-13.
P702-14.
P703-03.
P702-16.
P702-17.
P702-11.
P702-19.
P703-05.
P703-07.
P703-06.
P703-05.
P703-04.
P703-09.
P703-02.
P703-01.
#1 SPKR
#2 SPKR
IN OUT
GND

NOTES:

THE FOLLOWING MODIFICATIONS MUST BE MADE TO THE MASTR II UNIT:

1. BLKR DISABLE PIN IS USED FOR TX CG ENABLE. CONNECT THE FOLLOWING:



2. F7,F8 PINS ARE USED FOR CAS FROM RX 1 AND 2 RESPECTIVELY. JUMPER J904PIN 9 TO H43. JUMPER RX#2 H19 TO H58. DISCONNECT H43 AND H58 FROM TX AND RX OSC BOARDS.

BOB STADTHERR ENGINEERING		
Title: MASTR II INTERFACE BOARD		
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